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ATTACHMENT A

(P R E L I M I N A R Y)

25X1D0b SUBJECT: DELIVERY PROCEDURE [redacted] AIRCRAFT

REFERENCE: A. Technical Manual, 00-20 Series (-1 through -8) to latest revision.

Purpose of this procedure is to establish and outline a standard procedure for the inspection and coordinated functions essential to the delivery of the subject aircraft.

25X1D0b This instruction is applicable to [redacted] aircraft.

I. FORMS REQUIRED

A. Historical Records, Aircraft.

1. AFTO 95 - "Significant Historical Data".
Quantity - 1 each for Aircraft Nose Assembly, G.F.C. and Sensors, according to the delivery configuration as specified in Para. II,B of this instruction.

2. DD 829-1 - "Historical Record, Technical Instruction Compliance".
Quantity as required on the aircraft and each major component with separate form AFTO 95 to document applicable service bulletins and the record of their compliance.

3. DD 780 - "Aircraft Inventory Record".
Three required - 1 for delivery with article, 1 for MW-2 files, and work copy for filing with Flight Facility P.I.R. records

4. AFTO 781 Book - "Aircraft Flight Report and Maintenance Record".

a. The 781 Book consists of a 7-ring binder, F/S/N 7510-664-9106, with AFTO 781 F cover insert in the front and 781G cover insert in the back, and includes the following:

(1) Security Classification Information Page.
(2) AFTO 781 Parts I and II Flight Report.
(3) AFTO 781C, A/C Loading Configuration Report.
(4) AFTO 781A, Maintenance Discrepancy/Work Record.
(5) AFTO 781B, A/C Inspection and Maintenance Status Record.
(6) AFTO 781D, Calendar and Hourly Inspection Record.
(7) J-75 Periodic Inspection Record.
(8) Operating Time.
(9) Drag Chute Service Life Log.

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5. AFTO 100A - "Accessory Replacement Record Cards". One set per covering systems per Manual requirements.

6. 1-1B-40 Technical Manual - "Weight and Balance Data".
One required.

7. Loose equipment List.
Two required.

8. DD Form 250 - "Material Inspection and Receiving Report".
One set required (ditto master).

B. Historical Records, Engine.

1. AFTO 95 - "Significant Historical Data".
Quantity as required to document significant historical information for Engine.

2. DD 829-1 - "Historical Record, Technical Instructions Compliance".
Quantity as required for each engine assembly and each major engine component with separate Form DD 829, to document applicable service bulletins and the record of their compliance.

3. AFTO 44 - "Turbine Wheel Historical Data".

4. Components - AFTO-781E.

C. Flyaway Documentation.

1. "Aircraft Delivery Release and Receipt" (ditto form).
Two required.

2. Form 1264 - "Aircraft Clearance".
One required.

II. ESTABLISHMENT OF DELIVERY CONFIGURATION

A. The basic aircraft is required to be assembled and inspected per existing engineering requirements. This is achieved and documented by means of the P.I.R. (Project Inspection Records) method.

B. Specific delivery configuration for such variable items as required service bulletin incorporation or sensor and/or ballast installations are to be established by Project Engineering by the following methods:

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1. The service bulletins required to be incorporated prior to delivery shall be specified by a project engineering program letter for the article affected. Sufficient lead time shall be provided for letter release to assure compliance requirements.

   a. All "Mandatory-Safety" category service bulletins must be accomplished before flight, regardless of delivery compliance commitment.

2. Sensor and/or ballast configuration shall conform to the requirements of the applicable Drawing for the particular aerial article. Any deviations require an engineering item disposition and subsequent correction of the drawing to the article delivery configuration.

C. Engine configuration will be presumed to be acceptable for delivery on the basis of P.W.A. Engine Historical Records.

III. COMPANY FLIGHT ACCEPTANCE OF AIRCRAFT

A. The flight acceptance of the aircraft by Company flight crew is to be accomplished per the requirements originated by Flight Test Engineering.

1. Flight acceptance by the Company crew will be indicated by the pilot's signature acceptance of the functional check flight entry in the 781A, in accordance with technical manual requirements.

   a. This signature acceptance establishes that necessary Company flights have been accomplished and that the 781A flight discrepancies do not require Company re-flight.

IV. CUSTOMER FLIGHT ACCEPTANCE OF AIRCRAFT

A. The customer flight acceptance of the aircraft is to be accomplished per the requirements agreed upon.

1. Flight acceptance by the customer crew will be indicated by the pilot's signature on the A.D.P. ditto form "Aircraft Delivery Release and Receipt".

2. If the accomplishment of the acceptance flight is negotiated by Flight Test Engineering to be conducted by a Company crew, the Company pilot or a designee in Flight Test Engineering is to sign the Aircraft Delivery Release and Receipt in the "Acceptance Pilot" block.

3. An authorized signature in the "Acceptance Pilot" block of the delivery release denotes that the aircraft is flight acceptable for delivery.

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V. DD 780 INVENTORY

A. The DD 780 Inventory Record was originated in accordance with military specification MIL-R-9401A, and is to be accomplished per T.O. 00-35D-780 requirements.

1. The inventory is to be conducted by a designated inspector.

2. The timing of the inventory work is to be scheduled by inspection supervision, when the aircraft is in delivery configuration and when access to affected areas can be coordinated with shop supervision.

3. Two copies of the inventory (other than the work-sheet copy) are to be prepared and signature verified by Company inspection when the requirements of the delivery configuration are fulfilled.

VI. WEIGHT AND BALANCE DATA

A. Preparation.

1. The weight and balance data is computed by the project weight group at EW-2 and is documented in the Technical Manual 1-1B-40, on the basis of the delivery configuration.

B. Coordination with DD 780 Inventory.

1. Upon request, inspection is to make the configuration information per the DD 780 inventory available to the weight engineers, to insure accurate coordination between the 1-1B-40 and the DD 780 delivery documents.

C. Request for Weight and Balance Book.

1. When the data of delivery is firmly established the designated delivery inspector is responsible to notify the weight group of the need date for the weight and balance handbook and the balance calculator for the article affected.

VII. PREPARATION OF THE ARTICLE FOR DELIVERY

A. Completion of scheduled work.

1. All outstanding documented P.I.R. items are to be completed and accepted by Inspection.

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B. Correction of Acceptance Flight Discrepancies.

1. The 781A flight squawks are to be corrected and documented in accordance with the applicable instructions.

C. Service Bulletin Compliance.

1. Service bulletin configuration is to conform with the established delivery requirements plus any mandatory category bulletins applicable to the article or unit serials affected.

D. Pre-Flight for Delivery.

1. The delivery pre-flight is to be conducted per the applicable requirements.

VIII. NEGOTIATION OF EXCEPTIONAL CONDITIONS FOR DELIVERY

A. Any discrepancies or deviations from the established delivery configuration must be negotiated with the Customer.

B. Such negotiated discrepancies or deviations are to be documented by appropriate exceptional condition entry in the 781A record.

IX. COMPLETION OF DELIVERY DOCUMENTATION

A. Preliminary Preparation.

1. Request DD 250 form FM-2 office.

2. Obtain 1-1B-40 weight and balance handbook and calculator form Weight Engineering group.

3. Package 100A cards for delivery.

4. Prepare loose equipment list per the drawing and request packaging of loose equipment (per the list) from Material Service Group. Verify completeness.

B. Signature and Date Completion (when Delivery Date is confirmed).

1. DD 780 (parts DD 780-1 and DD 780-3).

2. Forms AFTO 95, all copies for aircraft and sensors, complete with attachments, as applicable.

3. Forms DD 829-1, all copies for aircraft.

4. Obtain from P & W and verify date entries, time entries and signature on the following engine [illegible]

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a. AFTO 95
b. TM 38-1
c. AFTO 44
d. AFTO 781-E

X. DELIVERY RELEASE

A. When pre-flight is complete and article is ready for delivery:

1. Complete 781 book to indicate the delivery pre-flight status of the article.

2. Obtain signatures from Shop and Inspection supervision and the delivery pilot on the Aircraft Delivery. Release and Receipt.

3. DD 250 signed by Inspection supervision.

4. Form 1264, Flight Clearance signed by Shop, Inspection and delivery pilot.

B. Make reproduced copies (one each of all historical record forms) to be retained with EW-6 article records.

XI. DISPOSITION OF RECORDS

A. Give to Delivery pilot or designated representative:

1. Loose equipment, including one copy of the loose equipment list.

2. AFTO 781 book.

3. Aircraft and engine historical records (per Para. IX, B of this instruction).

4. 1-1B-40 Weight and Balance Data book.

5. 100A cards.

6. DD 780 Inventory, one copy.

B. File Company records.

1. Reproduced copies of historical records, aircraft and engine.

2. The file copy of loose equipment list.

3. The work copy of DD 780.

4. The file copy of the Delivery Release and Receipt.

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C. Send to Air Inspection Office:

1. One copy of signed DD 250 Inventory Record.

2. The original copy of the Delivery Release and Receipt.

3. The DD 250 Form, verified for accuracy and signed by Inspection supervision.

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U-2 SHAKEDOWN TEST

DATE _____ PILOT _____ AIRPLANE _____

CONFIGURATION CHANGES: _____

1. BEFORE T.O. BRAKES _____ STEERING _____

2. FULL THROTTLE T.O. & STRAIGHT CLIMB TO 20 M'. RPM _____ POGO DROP _____

3. LEVEL FLIGHT AT 20 M'
   TRIM 150 KTS FAIRED WHEEL _____ BALL _____
   TRIM 150 KTS GUST WHEEL _____ BALL _____
   TRIM 250 KTS GUST WHEEL _____ BALL _____

4. STALLS ..... FUEL COUNTER _____

CONFIGURATION	WARN. - KTS	STALL - KTS	CHARACTERISTICS
CLEAN			
GEAR + 15° FLAPS			
GEAR + 25° FLAPS			

5. GEAR EXTENSION: MAIN _____ SEC TAIL _____ SEC
   GEAR RETRACTION: MAIN _____ SEC TAIL _____ SEC

6. COMPASS OPERATION: GYRO _____ MAG _____ ADF _____ OMNI _____

7. AIR CONDITIONING: AUTO _____ MANUAL _____ FAN _____

8. AUTO PILOT: FAIRED _____ GUST _____

9. SPEED BRAKES _____ CONTROLS _____

10. LIGHTING: PANEL _____ CONSOLE _____ OXYGEN LT. DIMMING _____

11. DRIFTSIGHT OPERATION _____ POWER CHANGER _____
    SEXTANT OPERATION _____ SEXTANT LIGHTING _____

12. CHECK ALTERNATOR IN CLIMB _____

13. CHECK AUXILIARY FUEL BOOST IN CLIMB _____

14. FULL POWER CLIMB TO MAXIMUM ALTITUDE:

CIVIL TIME	ALT.	RPM	EGT	PR or FF	HYDRO	OIL PR.	FUEL PR.	CABIN ALT.	Q-BAY ALT.	FUEL CTR	OAT

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15. AUTOPILOT OPERATION AT MAXIMUM ALTITUDE _____

16. INSTRUMENT OPERATION _____

17. RADIO OPERATION ARC34 _____ SSB _____ OTHER _____

18. EMERGENCY GEAR EXT: MAIN _____ MIN _____ SEC
TAIL _____ MIN _____ SEC

19. 100VA EMERGENCY INVERTER CHECK _____

[redacted] _____ 25X1D0b

21. MAXIMUM POWER CLIMB ON EMERGENCY SYSTEM TO + 5:

	ALTITUDE	RPM	EGT	THROTTLE POSITION
START				
END				

22. RAM AIR OPERATION (BELOW - 20) _____

FLIGHT LOG

LAND: _____ T.O. _____ ELAPSED: _____

CIVIL TIME COMMENTS

FLIGHT SQUAWKS:

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